

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit: 1746 :  
Examiner: J. Crepeau : Title : THERMALLY EFFICIENT  
In re Application of : MICROMACHINED DEVICE  
Jensen et al. :  
Serial No.: 09/923,139 : Confirmation No. 8960  
Filed: 06 August 2001 :  
Mail Stop: Issue Fee  
Commissioner for Patents  
P.O. Box: 1450  
Alexandria, VA 22313-1450

EXPRESS MAIL CERTIFICATE

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PTO FORM-85B (In duplicate)  
ASSERTION OF SMALL ENTITY STATUS  
STATEMENT REGARDING SMALL ENTITY STATUS  
CHECK PAYABLE TO THE PTO

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PATENT  
010400

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Arana et al. )  
Serial No.: 09/923,139 ) Examiner: J. Crepeau  
Filing Date: August 6, 2001 ) Art Unit: 1746

Title: THERMALLY EFFICIENT MICROMACHINED DEVICE

**ASSERTION OF SMALL ENTITY STATUS**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The assignee of the above-identified application ("Subject Application"), Massachusetts Institute of Technology ("M.I.T."), hereby asserts that it is entitled to small entity status in connection with the Subject Application. M.I.T. is a university of higher education. M.I.T. has not assigned, granted, conveyed, or licensed, and is under no obligation to assign, grant, convey or license, any rights in the invention of the Subject Application to any person, concern, or organization which would not qualify as a person, small business concern, or a nonprofit organization as defined under 37 C.F.R. § 1.27. M.I.T. has licensed rights under the Subject Application to Lilliputian Systems, Inc., which, as stated in the attached "Statement Regarding Small Entity Status", also is entitled to small entity status.

Date:

July 22, 2005

Respectfully submitted,

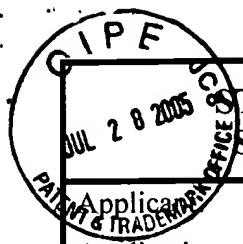
By:

Karin K. Rivard  
KARIN K. RIVARD

ASSISTANT DIRECTOR AND COUNSEL

Title: TECHNOLOGY LICENSING OFFICE

Massachusetts Institute of Technology  
77 Massachusetts Avenue  
Cambridge, MA 02139



**STATEMENT REGARDING  
SMALL ENTITY STATUS**

Attorney Docket No. **010400**

Applicant: **Arana et al.**

Application or Patent No.: **09/923,139**

Date Filed or Issued: **August 6, 2001**

Title: **Thermally Efficient Micro-Fluidic System**

NAME OF SMALL BUSINESS OR NONPROFIT ORGANIZATION: **Lilliputian Systems, Inc.**

ADDRESS OF SMALL BUSINESS OR NONPROFIT ORGANIZATION: **25-K Olympia Avenue,  
Suite 100, Woburn, MA 01801**

I hereby state that the above identified small business concern or nonprofit organization qualifies as a small entity as defined in 37 CFR 1.27 for purposes of paying reduced fees to the United States Patent and Trademark Office. For a small business concern, the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time, or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby state that rights under contract or law have been conveyed to and remain with the small business concern or nonprofit organization identified above with regard to the invention described in:

- ☒ the application identified above.  
☐ the patent identified above.

If the rights held by the above identified small business concern or nonprofit organization are not exclusive, each individual, concern, or organization having rights in the invention must execute separate statements as to their status as small entities, and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.27(a)(1) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.27(a)(2), or a nonprofit organization under 37 CFR 1.27(a)(3).

- ☐ No such person, concern, or organization having any rights in the invention exists.  
☒ Each such person, concern, or organization having any rights in the invention is listed below.

**Massachusetts Institute of Technology**

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate.

NAME OF PERSON SIGNING **Kenneth B. Lazarus**

TITLE OF PERSON SIGNING **Chief Executive Officer**

ADDRESS OF PERSON SIGNING **25-K Olympia Avenue, Suite 100, Woburn, MA 01801**

SIGNATURE

DATE

**6/30/05**